

FEATURES

HOUSING — Vertically-seamed, heavy-duty, die-cast aluminum halves. Ballast and electrical components are heat-sinked and horizontally opposed. Integral splice box mounting flange ensures structural integrity. Finished with electrostatically-applied white polyester powder paint.

PENDANT SPLICE BOX — 16-gauge galvanized steel with white polyester powder finish. Removable box slides on integral die-cast aluminum housing mounting flange and mounts to 3/4" pendant conduit prior to ballast housing installation. Matching wire access cover accepts Reloc modular wiring. Complete assembly meets or exceeds UL 50-pound pull test.

BALLAST — Copper wound and 100% factory tested. High power factor, constant-wattage autotransformer. 180°C Class H insulation system. Meets ANSI C82 ballast standards for M58 lamps. UL 1029 listed. (For 50 hertz availability, consult factory).

OPTICS — Injection-molded virgin acrylic lens; aluminum reflector with optical quality white polyester powder finish. Positive-latch refractor clips allow access for maintenance and cleaning. Continuously gasketed refractor and reflector inhibit the entrance of ambient contaminants. Meets UL 1572 lamp rupture containment specifications.

OPTIC MOUNTING — Four 8-32 zinc-plated, tri-lobular, thread-rolling screws are arranged concentrically around the lamp socket. 16-gauge galvanized steel support ring with matching keyhole slot pattern for vibration-resistant mounting.

SOCKET — Porcelain, vertically-oriented, mogul-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

LISTING — UL 1572 listed -30°C to 40°C ambient operations and damp locations. 55°C available. UL wet location available. Listed and labeled to comply with Canadian Standards and Mexican Standards (see options).

Type

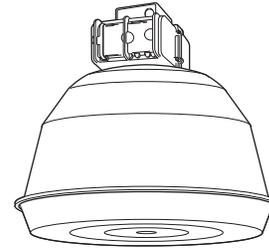
Catalog number

Low Bay Industrial Lighting

TXC

Metal Halide

250W
12' to 20' mounting



Installed height: 22" (55.9cm)
Installed width: 23" (58.4cm)
Weight: 21 lbs/9.5 kg

ORDERING INFORMATION

Example: TXC 250M A23 120

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers (shipped separately).

TXC	250M	A23			
Series	Wattage /lamp	Reflector	Voltage	Options	
TXC	250M	A23	120	Shipped installed in fixture	
			208 ¹	SF	Single fuse (120, 277, 347V) ⁴
			240 ¹	DF	Double fuse (208, 240, 480V) ⁴
			277	EC	Emergency circuit ^{5,6}
			347	QRS	Quartz restrrike system ^{5,6}
			480 ²	QRST	QRS time delay ^{5,6}
			TB ³	HA	55°C ambient operation
				CR	Corrosion-resistant finish
				TOB	Thru-wire outlet box ⁷
				TOBP	Thru-wire outlet box plug-in ^{4,7}
				PBP	Pendant box plug-in ^{4,7}
				LCPP	Loop, cord, plug requires TPH, PPH ^{4,7}
				LC3P	Loop, 3' cord, 15A NEMA twistlock plug ^{7,8,9}
				HC3P	Hook, 3' cord, 15A NEMA twistlock plug ^{7,8,9}
				LRCA	Loop, 3' cord, Reloc RCA ^{4,7,8,10,11}
				HRCA	Hook, 3' cord, Reloc RCA ^{4,7,8,10,11}
				LRCS	Loop, 3' cord, Reloc RCS ^{4,7,8,10,11}
				HRCS	Hook, 3' cord, Reloc RCS ^{4,7,8,10,11}
				LOCS	Loop, 3' cord, Reloc OCS ^{4,7,8,11}
				HOCS	Hook, 3' cord, Reloc OCS ^{4,7,8,11}
				LUCP	Loop, cord, plug for UPM ^{1,4,7}
				LUCPSF	Single-fuse LUCP, dead front ^{4,7}
				LUCPDF	Double-fuse LUCP, dead front ^{4,7}
				UCP	Universal cord, plug for UPM ^{4,7,11}
				UCPSF	Single-fuse UCP, dead front ^{4,7}
				UCPDF	Double-fuse UCP, dead front ^{4,7}
				TR	Remote ballast
				TRC3P	TR with prewired cord ^{4,7,12}
				WL	Wet location UL label
				SSS	Stainless steel screws
				SLR	Stainless steel lens ring
				CF	Charcoal filter
				CSA	Listed and labeled to comply with Canadian Standards
				NOM	Listed and labeled to comply with Mexican Standards (Consult factory)
				ENC	Encapsulated CWA ballast (120, 277, 347V)
				CWI	Constant-wattage isolated ballast (120, 208, 240V)
				RLB	Regulated lag ballast
				KW1	KiloWatch 120V control relay ¹³
				KW4	KiloWatch 277V control relay ¹³
				KW150	KiloWatch 120V control relay-50% light output ¹³
				KW450	KiloWatch 277V control relay-50% light output ¹³
				WG	Wire guard
				DDB	Dark bronze housing finish

Accessories

Order as separate catalog number.

HKF Fixture hook female⁷

LPF Fixture loop female⁷

SCK 60" safety chain kit

TMB Twin-mounting bar⁷ (consult factory)

HKM Fixture hook male⁷

HKMG Grommeted fixture hook male⁷

LPM Fixture loop male⁷

LPMG Grommeted fixture loop male⁷

TPH Thru-wire power hook⁷

PPH Pendant power hook⁷

UPM Universal power module⁷

UPM1 UPM with hook adapter plate, wiring block⁷

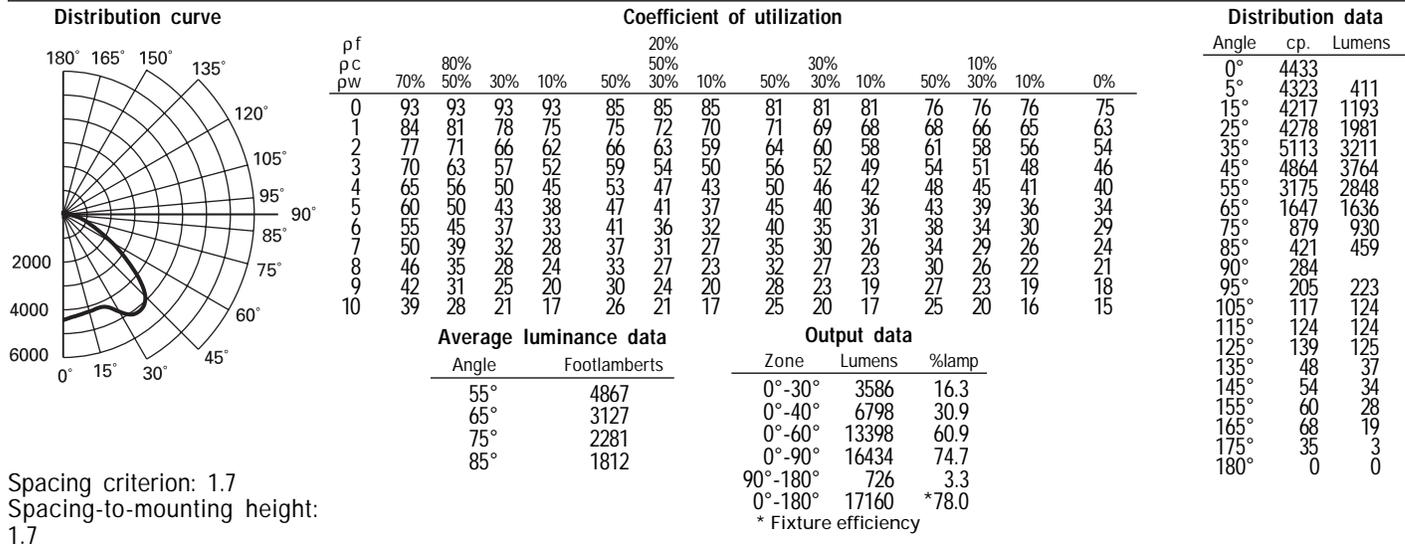
NOTES:

- For 250 and 400W Metal Halide equipment in Canada, a constant-wattage isolated ballast is standard.
- Not available in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V for Canada).
- Not available with multi-tap ballast.
- Lamp not included.
- Quartz lamp wattage not to exceed ballast wattage rating.

- Not available with WL option.
- May be ordered with 5', 10', 15' cords.
- 20A standard 480V.
- Specify circuit.
- Available in Canada 120/347V only.
- 3' cord to connect to optical.
- For specific ordering information, refer to the KiloWatch binder or consult factory.

TXC 250M Low Bay

TXC 250M A23, 250W, clear Metal Halide lamp, 22,000 rated lumens. Test No. 1194080607.



Using the "WG" option will effect performance. Use a .88 multiplier to obtain performance data.

ELECTRICAL CHARACTERISTICS

Wattage/ballast	Primary voltage	Line current (amps)		Primary dropout voltage	Input watts	Power factor (%)	Regulation Line V = Lamp lumens
		start	operating				
250CWA Peak-lead Autotransformer	120	2.10/2.50		55	295	90+	±10% = ±10%
	208	1.40/1.45		95			
	240	1.10/1.25		110			
	277	1.00/1.10		125			
250CWI Constant-wattage Isolated	480	.60/.63		220	295	90+	±10% = ±10%
	120	1.05/2.65		60			
	208	.60/1.55		104			
	240	.50/1.35		120			

Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this sheet are based on the most current available data and are subject to change without notice.

TXC M2

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